

Please add the following new claims:

1 -- 29. (New) The method of claim 14, wherein the cell is a thymocyte or bone
2 marrow cell. --

1 -- 30. (New) The method of claim 14, wherein the animal is a mouse, rat, pig,
2 sheep, frog, cow or bull. -- *new matter?*

1 -- 31. (New) The method of claim 14, wherein the gene encoding p27^{Kip1} is
2 altered by insertion of a positively selectable marker, mutation of the gene encoding p27^{Kip1}, or
3 deletion of the gene encoding p27^{Kip1}. --

1 -- 32. (New) The method of claim 31, wherein the gene encoding p27^{Kip1} is
2 altered by insertion of a positively selectable marker into the gene. --

1 -- 33. (New) The method of claim 32, wherein the positively selectable
2 marker encodes neomycin resistance, thymidine kinase, adenine phosphoribosyl transferase,
3 hypoxanthine-guanine phosphoribosyl transferase or dihydrofolate reductase. --

1 -- 34. (New) The method of claim 33, wherein the positively selectable
2 marker encodes neomycin resistance. --

1 -- 35. (New) The method of claim 14, further comprising:
2 introducing a plasmid into the cell, wherein the plasmid comprises the gene
3 encoding p27^{Kip1} altered by insertion of a positively selectable marker. --

1 -- 36. (New) The method of claim 35, wherein the plasmid further comprises
2 a negatively selectable marker adjacent the altered gene encoding p27^{Kip1}, whereby the
3 distance between the negatively selectable marker and the altered gene encoding p27^{Kip1} is
4 sufficient to allow homologous recombination between the altered gene encoding p27^{Kip1} and a
5 gene encoding p27^{Kip1} in the cell. --

for gene